Serial No.: 10/602,335 Filed: June 23, 2003

Page : 2 of 15

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

- 1. (Cancelled).
- 2. (Currently Amended) A system for threading e-mail messages, comprising:
- a mailbox processor module for receiving <u>e-mail messages including a first e-mail</u> <u>message and a second e-mail message e-mails</u>;
- a mailbox, communicatively coupled to the mailbox processor module, for electronically storing the received e-mail messages;
 - a threading engine, communicatively coupled to the mailbox processor module, for:
- determining that a-the first received e-mail message is related to a the second e-mail message, the second e-mail message received previously subsequent to the first e-mail message;
- creating an e-mail thread <u>if the first e-mail message is related to the second e-mail</u> message; and
- associating the e-mail thread with the first e-mail <u>message</u> and the second e-mail <u>message</u>, the <u>e-mail</u> thread additionally including a persistent thread header, the thread header having information derived from attributes of at least one of the <u>first or second e-mail e-mails</u> <u>messages; and</u>
- a display engine operable to display information about received e-mail messages in a user interface where thread header information is displayed and information for each email message associated with the email thread is not displayed.

3. Cancelled

Serial No.: 10/602,335
Filed: June 23, 2003
Page: 3 of 15

4. (Previously Presented) The method of claim 18 wherein the persistent thread header includes a subject of the e-mail thread.

5. (Previously Presented) The method of claim 18 wherein the persistent thread header includes an originator of the e-mail thread.

- 6. (Previously Presented) The method of claim 18 wherein the persistent thread header includes indicia of the number of messages in the thread.
- 7. (Previously Presented) The method of claim 18 wherein the persistent thread header includes a time that the e-mail thread was most recently updated.
- 8. (Currently Amended) The system of claim 2 wherein the threading engine additionally updates a <u>the</u> thread header associated with the existing e-mail thread.
- 9. (Previously Presented) The system of claim 8 wherein the thread header includes a subject of the e-mail thread.
- 10. (Previously Presented) The system of claim 8 wherein the thread header includes an originator of the e-mail thread.
- 11. (Currently Amended) The system of claim 8 wherein the thread header includes indicia of the number of messages in the <u>e-mail</u> thread.
- 12. (Previously Presented) The system of claim 8 wherein the thread header includes a time that the e-mail thread was most recently updated.
- 13. (Currently Amended) The computer program product of claim 36 wherein the persistent thread header includes a subject of the e-mail thread.
- 14. (Currently Amended) The computer program product of claim 36 wherein the persistent thread header includes an originator of the e-mail thread.

Serial No.: 10/602,335 Filed: June 23, 2003 Page: 4 of 15

15. (Currently Amended) The computer program product of claim 36 wherein the persistent thread header includes indicia of the number of messages in e-mail thread.

16. (Currently Amended) The computer program product of claim 36 wherein the persistent thread header includes a time that the e-mail thread was most recently updated.

17. Cancelled

18. (Currently Amended) A method for threading e-mail messages, the method comprising: receiving a first e-mail message;

receiving a second e-mail message subsequent to the first e-mail message;

determining that the first e-mail message is related to a second e-mail message, the second e-mail message received previously to the first e-mail message;

creating an e-mail thread <u>if the second e-mail message is related to the first e-mail message</u>; and

associating the e-mail thread with the first e-mail <u>message</u> and the second e-mail <u>message</u>, the <u>e-mail</u> thread additionally including a persistent thread header, the thread header having information derived from attributes of at least one of the <u>first or second e-mail e-mails</u> <u>messages; and</u>

displaying thread header information in a user interface where the thread header information is displayed in lieu of information for each e-mail message associated with the e-mail thread.

19. (Currently Amended) The method of claim 18 further comprising:
receiving a third e-mail message;
determining that the third e-mail message is related to the e-mail thread;
associating the third e-mail message with the e-mail thread; and
updating the persistent thread header to include information derived from attributes of the
third e-mail message.

20. Cancelled

Serial No.: 10/602,335 Filed: June 23, 2003

Page : 5 of 15

21. (Currently Amended) The method of claim 20 18 wherein the displayed thread header information is includes displaying ed in a color associated with a sender of the first e-mail message.

- 22. (Currently Amended) The method of claim 20 18 wherein the displayed thread header information is includes displayed displaying in a color associated with a sender of the second e-mail message.
- 23. (Currently Amended) The method of claim 20 18 wherein each sender of an e-mail has an associated priority, and the displayed thread header information is displayed in a color associated with a sender having the highest priority.
- 24. (Currently Amended) The method of claim 20 18 further comprising displaying information from at least one unthreaded e-mail message in the same user interface.
- 25. (Currently Amended) The method of claim 20 18 further comprising displaying an expansion icon associated with the thread header in the user interface.
- 26. (Currently Amended) The method of claim 25 further comprising:
 responsive to a selection of the expansion icon, displaying information about each e-mail
 message associated with the e-mail thread in the user interface.
- 27. (Currently Amended) The method of claim 26 further comprising highlighting for selection an oldest unread e-mail message associated with the e-mail thread.
- 28. (Currently Amended) The method of claim 26 wherein e-mail messages associated with the <u>e-mail</u> thread are displayed in a common color.
- 29. (Currently Amended) The method of claim 18 wherein the <u>first second</u> e-mail message is related to the <u>second first</u> e-mail message if it is a reply to the <u>second first</u> e-mail message.

Serial No.: 10/602,335 Filed: June 23, 2003 Page: 6 of 15

30. (Currently Amended) The method of claim 18 wherein the first second e-mail message is a reply to the second first e-mail message if a In-Reply-To field of a header of the first second e-mail message identifies the second first e-mail message.

- 31. (Currently Amended) The method of claim 18 wherein the first second e-mail message is related to the second first e-mail message if it includes a forward of the second first e-mail message.
- 32. (Currently Amended) The method of claim 18 wherein the first e-mail <u>message</u> and the second e-mail <u>message</u> are stored in different folders of a user's mailbox.
- 33. (Currently Amended) The method of claim 32 wherein at least one of the <u>e-mails e-mail</u> messages is stored in the user's sent items folder.
- 34. (Currently Amended) The method of claim 32 wherein at least one of the e-mails e-mail messages is stored in the user's personal items folder.
- 35. (Currently Amended) The system of claim 2 wherein the threading engine is further configured for:

receiving a third e-mail message;

determining that the third e-mail message is related to the e-mail thread;

associating the third e-mail message with the e-mail thread; and

updating the persistent thread header to include information derived from attributes of the third e-mail message.

Attorney's Docket No.: 18962-034001 / P3193US1

Applicant: Forstall et al.
Serial No.: 10/602,335
Filed: June 23, 2003

Page : 7 of 15

36. (Currently Amended) A computer program product for threading e-mail messages, the program product stored on a computer readable medium and adapted to perform the operations of:

receiving a first e-mail message;

receiving a second e-mail message subsequent to the first e-mail message;

determining that the first e-mail message is related to a second e-mail message the second e-mail message received previously to the first e-mail message;

creating an e-mail thread <u>if the second e-mail message is related to the first e-mail</u> message; and

associating the e-mail thread with the first e-mail <u>message</u> and the second e-mail <u>message</u>, the <u>e-mail</u> thread <u>additionally</u> including a <u>persistent</u> thread header, the thread header having information derived from attributes of at least one of the <u>e-mails</u> <u>e-mail messages</u>; and

displaying thread header information in a user interface where the thread header information is displayed and information for each e-mail associated with the e-mail thread is not displayed.

37. (Currently Amended) The computer program product of claim 36, further adapted for: receiving a third e-mail message;

determining that the third e-mail message is related to the e-mail thread;

associating the third e-mail message with the e-mail thread; and

updating the persistent thread header to include information derived from attributes of the third e-mail message.

Attorney's Docket No.: 18962-034001 / P3193US1

Applicant: Forstall et al. Serial No.: 10/602,335
Filed: June 23, 2003

Page : 8 of 15

38. (Currently Amended) A system for threading e-mail messages, the method comprising: receiving means, for receiving a first e-mail and a second e-mail message;

determining means, communicatively coupled to the receiving means, for determining that the first e-mail message is related to a second e-mail message, the second e-mail message received previously subsequent to the first e-mail message;

creating means, communicatively coupled to the determining means, for creating an e-mail thread if the first e-mail message is related to the second e-mail message; and

associating means, communicatively coupled to the creating means, for associating the e-mail thread with the first e-mail message and the second e-mail message, the e-mail thread additionally including a persistent thread header, the thread header having information derived from attributes of at least one of the e-mails e-mail messages; and

a display means operable to display information about received e-mail messages in a user interface where thread header information is displayed and information for each e-mail associated with the e-mail thread is not displayed.

39. (Previously Presented) The system of claim 38, wherein:

the receiving means are further configured to receive a third e-mail message;

the determining means are further configured to determine that the third e-mail message is related to the e-mail thread; and

the associating means are further configured to associate the third e-mail message with the e-mail thread and to update the persistent thread header to include information derived from the attributes of the third e-mail message.

Attorney's Docket No.: 18962-034001 / P3193US1

Applicant: Forstall et al.
Serial No.: 10/602,335
Filed: June 23, 2003

Page : 9 of 15

40. (New) A method for threading e-mail messages, comprising:

receiving a first e-mail message;

receiving a second e-mail message that is related to the first e-mail message; and threading the first e-mail message and the second e-mail message, the threading including:

creating an e-mail thread having a thread header, the thread header having information derived from attributes of at least one of the first or second e-mail messages; and displaying the thread header.

41. (New) The method of claim 40, further comprising:

receiving a third e-mail message related to either the first e-mail message or the second e-mail message; and

updating the thread including updating the displayed thread header

42. (New) A method for threading e-mail messages, comprising:

receiving a first e-mail message;

receiving a second e-mail message related to the first e-mail message; and

threading the first e-mail and the second e-mail, the threading including displaying a display item indicating a nature of the relationship between the first e-mail message and the second e-mail message.